

Figure 1 : Typical combustion curves for a pre-mixed boiler

Sensor response at 5% O₂, 50% RH 22°C

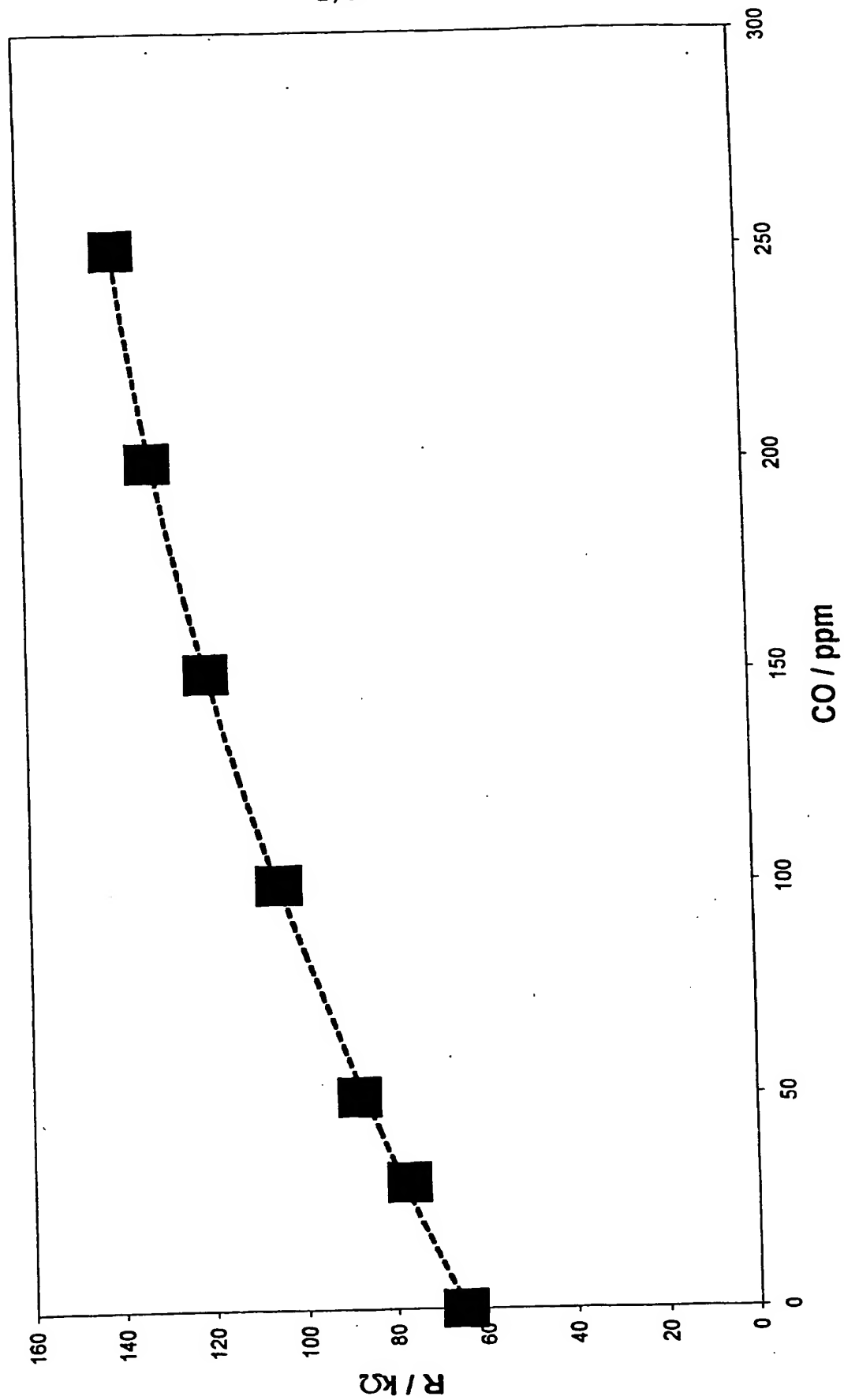


FIG. 2

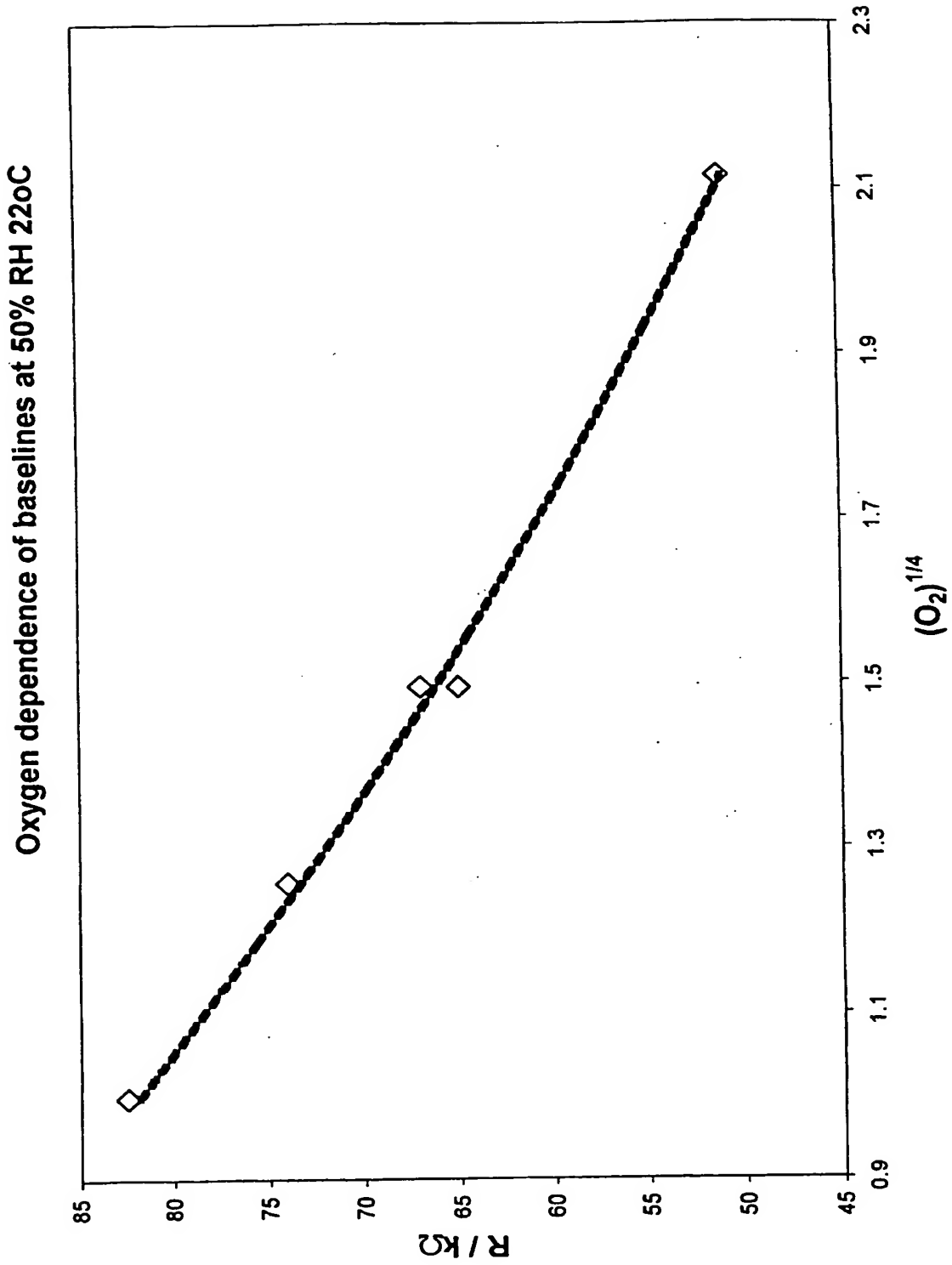
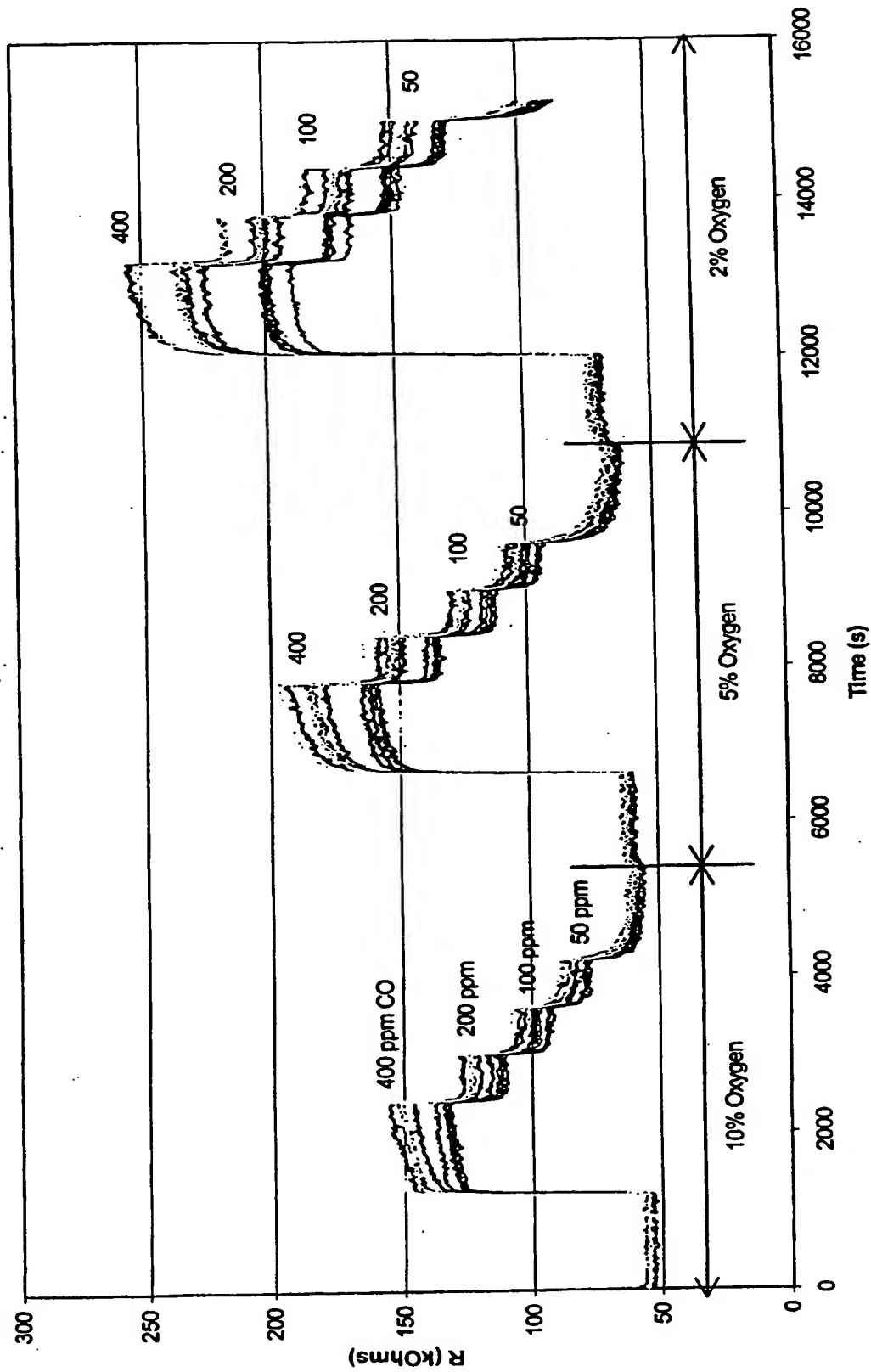


FIG. 3

Figure 4 : Dependency of sensor resistance on CO and O₂ concentrations

Sensitivity of NG sensors exposed to varying concentrations of gases in an atmosphere of 5% O₂ and 24% RH

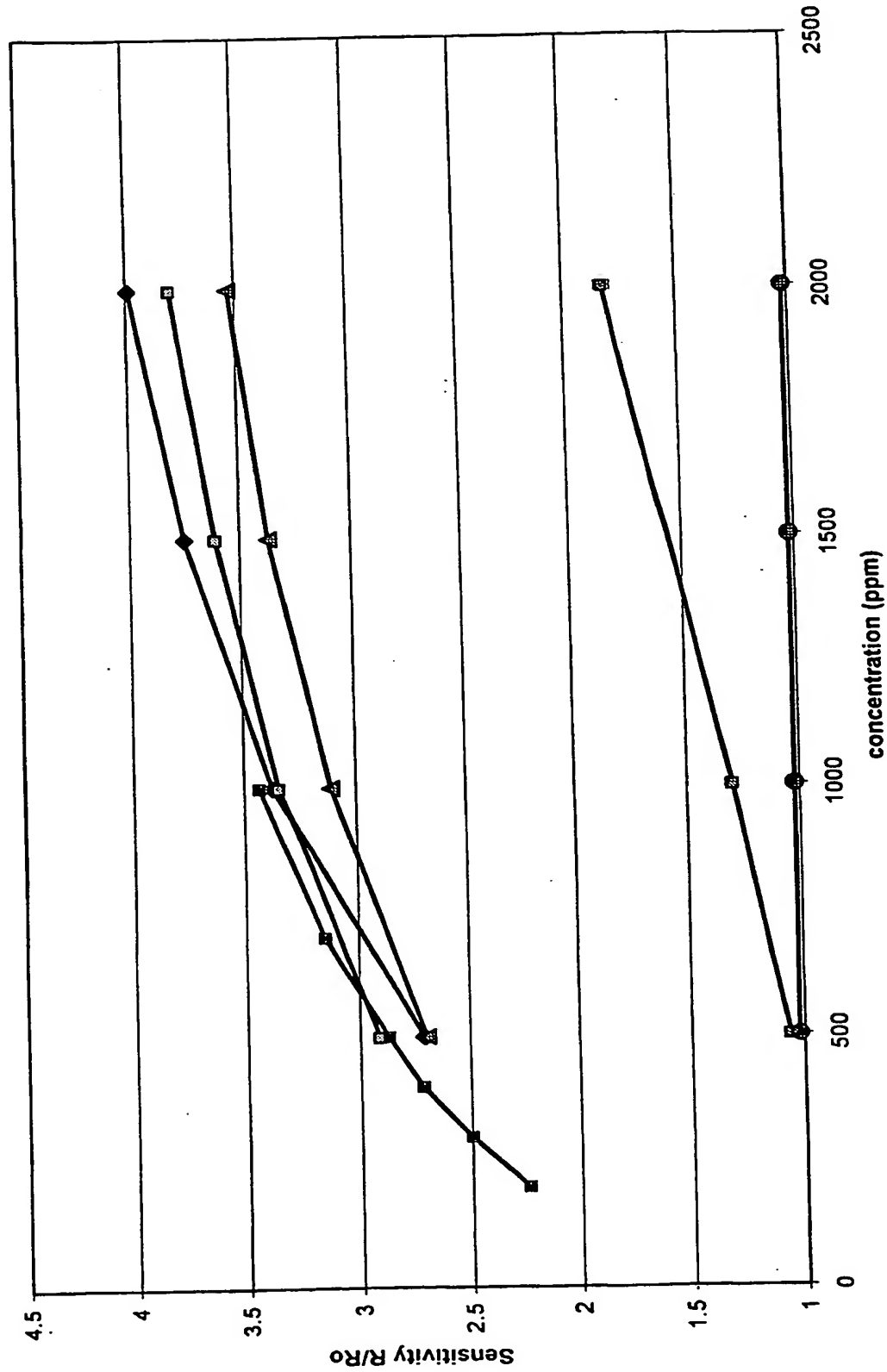


FIG. 5

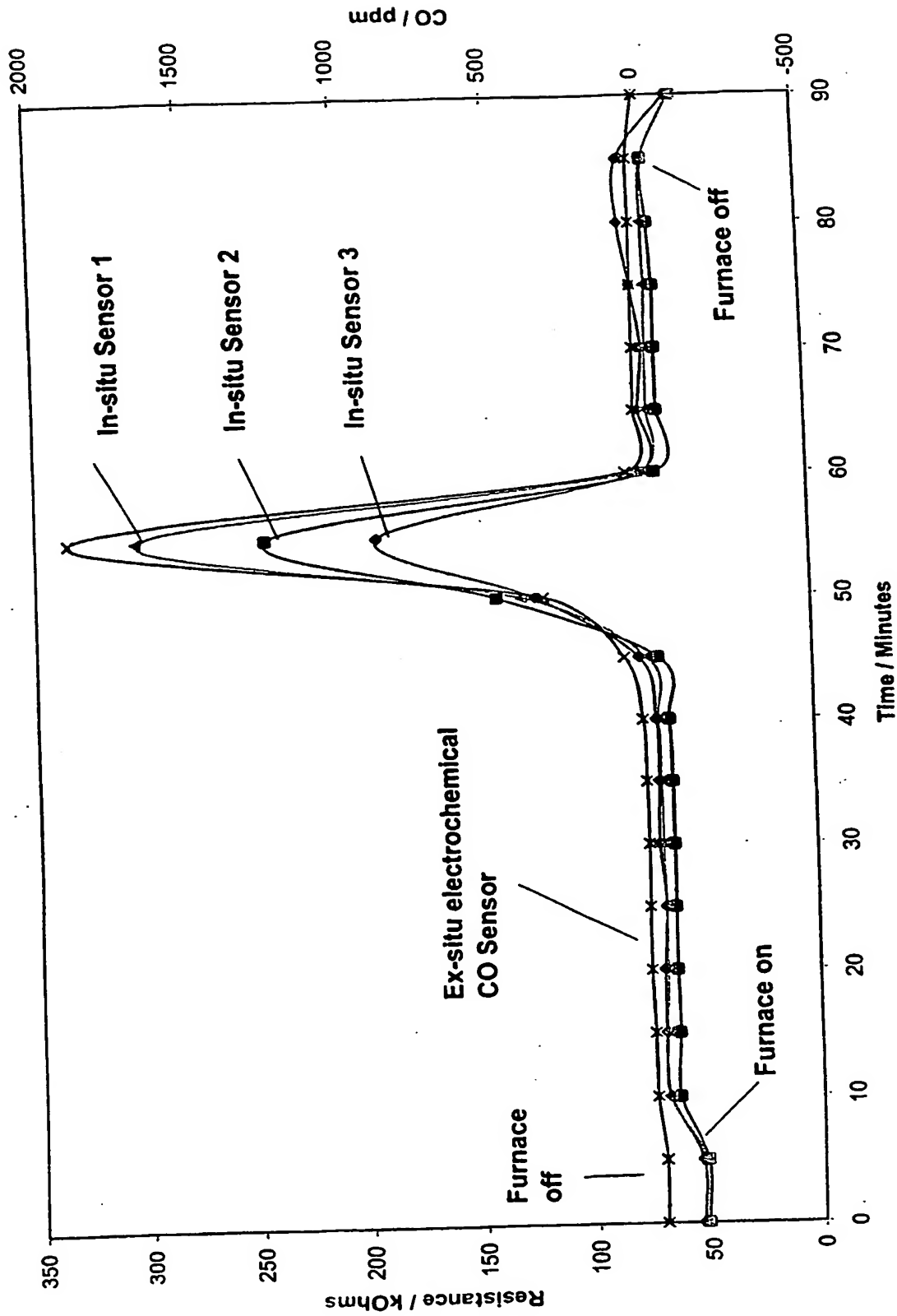


Figure 6: Behaviour of 3 p-type MMOS sensors in a flue atmosphere. The response of an electrochemical CO sensor in a cooled extracted sample of the gas is also shown.

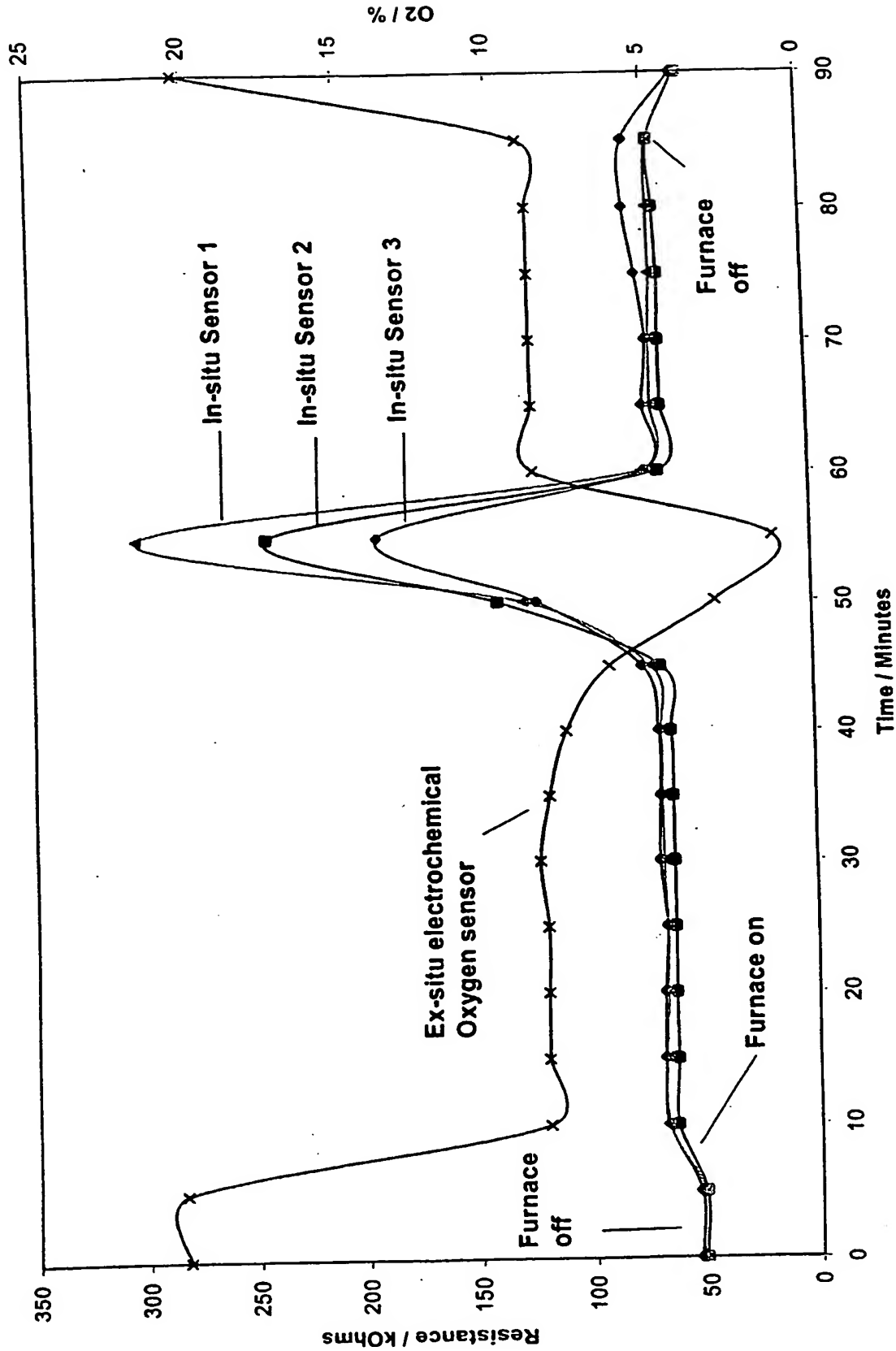


Figure 7: Behaviour of 3 p-type MMOS sensors in a flue atmosphere. The response of an electrochemical O₂ sensor in a cooled extracted sample of the gas is also shown.

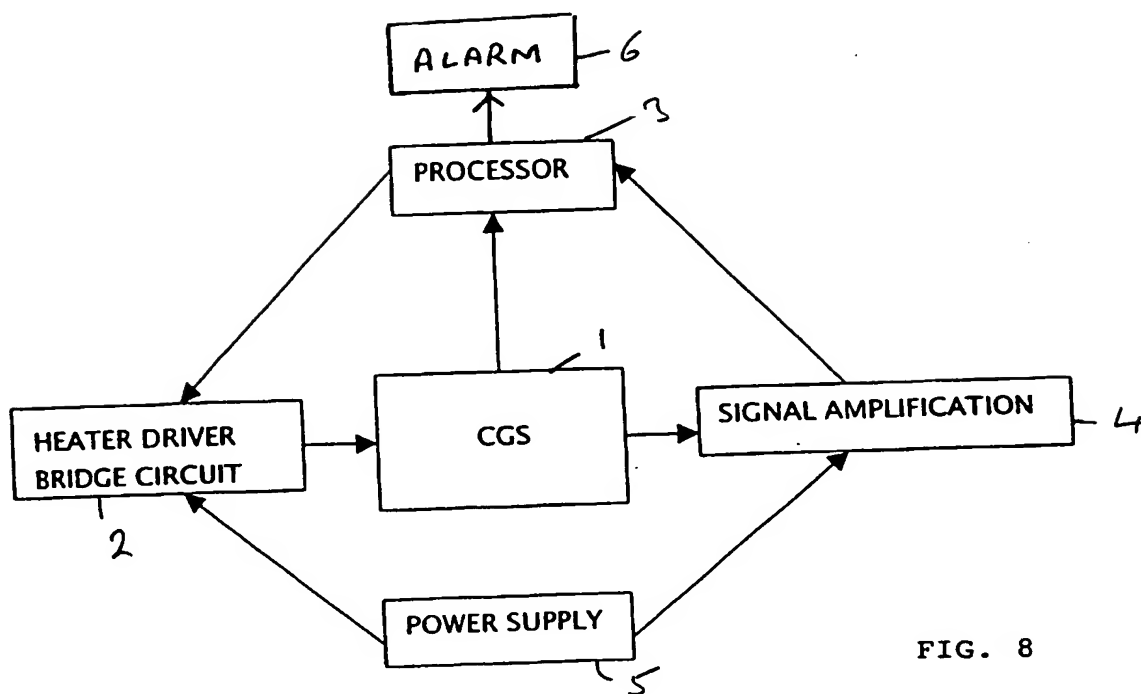


FIG. 8

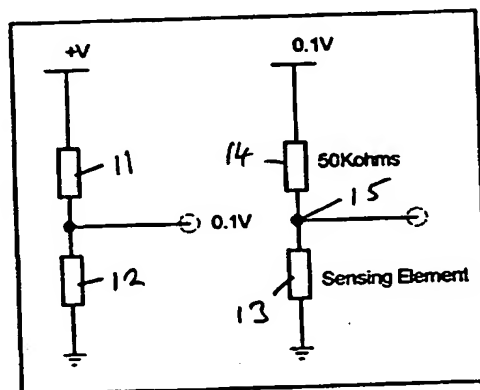


FIG. 9

Response of various p-type MMOS sensors in 2 Carbon Monoxide/Oxygen gases

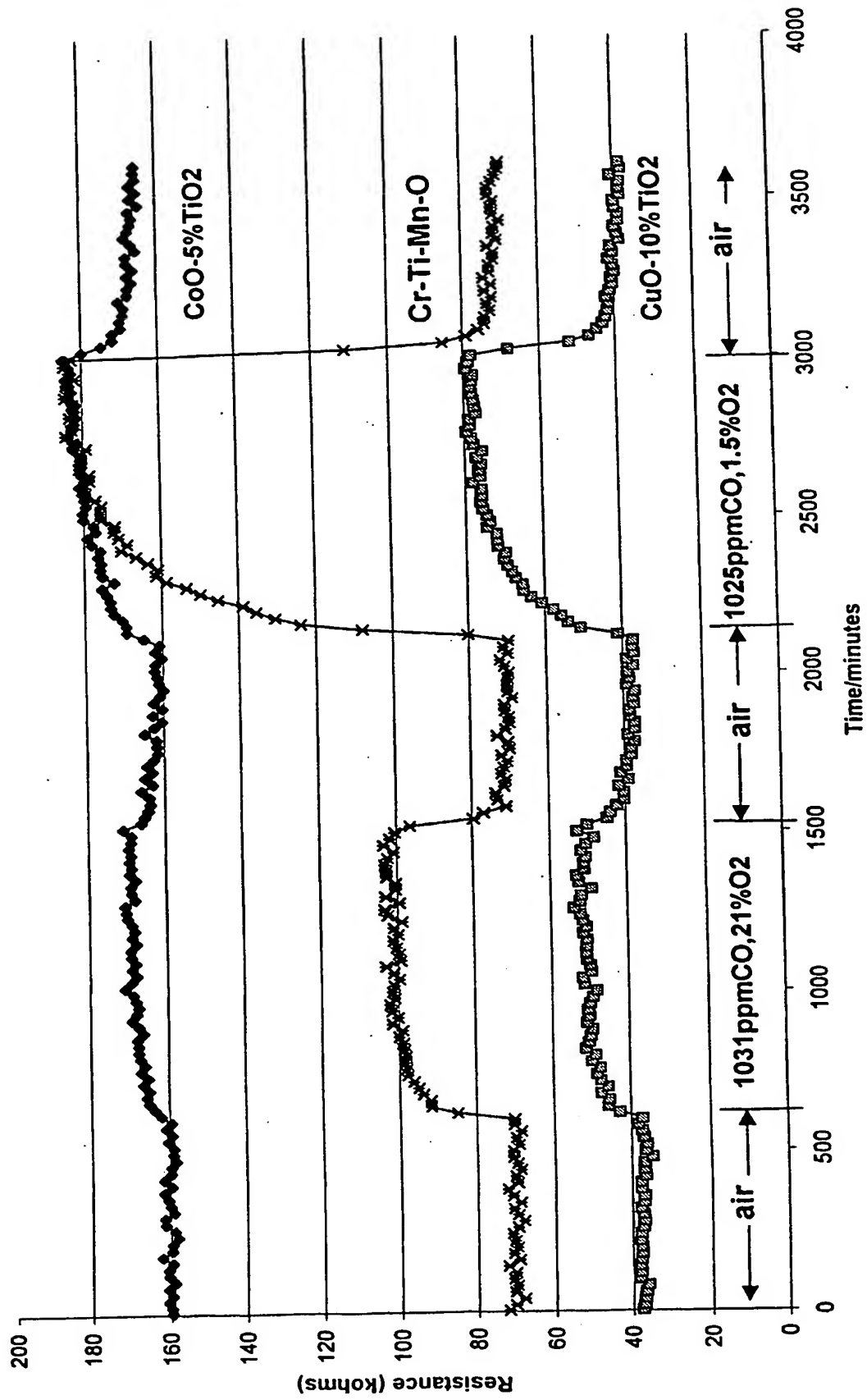


FIG. 10